

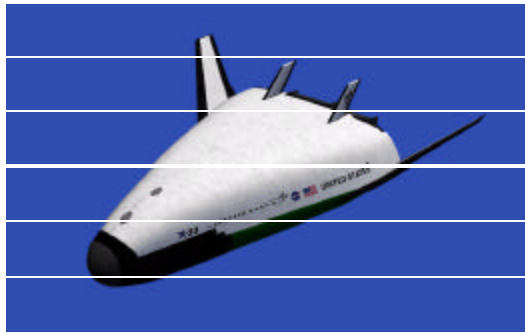
- Excerpt of Full Report -

This document contains excerpts from the X-33 Independent Assessment Report (title page shown below). Only those sections which relate to the PBMA element **Pre-Operations Integration and Test** are displayed.

The complete report is available through the PBMA web site, Program Profile tab.

**X<sup>33</sup>**

**Safety & Mission Assurance Review**



NASA Office of Safety & Mission Assurance

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## **2.8 Launch Readiness Test**

Once the X-33 is readied for flight, the engines will undergo two flight readiness firing tests on the launch pad. The purpose of these tests is to validate lift-off acoustic and over-pressure environments and confirm integrated main propulsion performance.